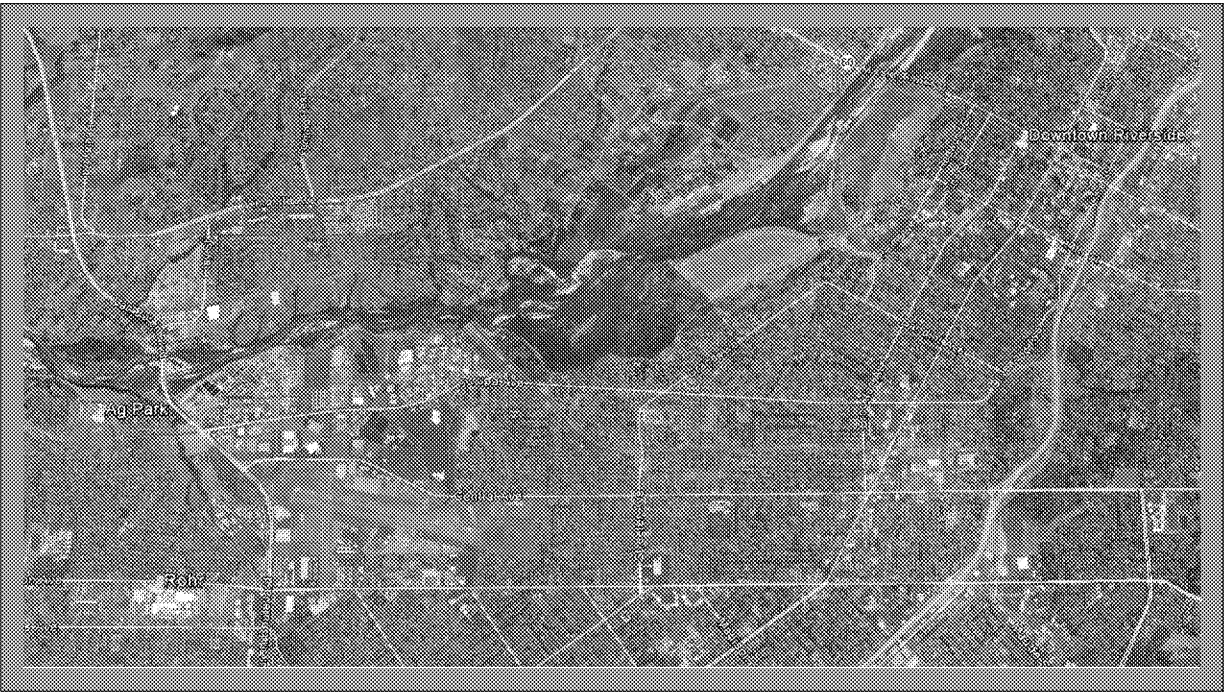


RIVERSIDE AG PARK

Cleanup Closure

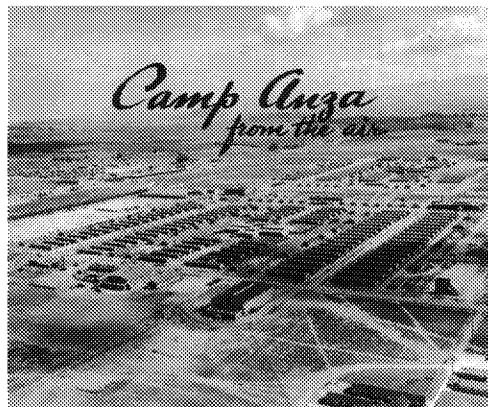
June 2018



Santa Ana River

Background

- Ag Park site was a wastewater treatment plant until 1965
- PCBs came from the Rohr aircraft manufacturing facility, through the sewer
- Contamination in sludge was spread across site (e.g. drying beds)



Ag Park was part of Camp Anza (FUD site - Formerly Used Defense Site), a staging area for troops during World War II

Ag Park site was a wastewater treatment plant until 1965

PCBs came from the Rohr aircraft manufacturing facility, through the sewer

Contamination in sludge was spread across site (e.g. drying beds)

Prior DTSC Cleanup

- DTSC oversaw PCB cleanup 2009-2014
- Soil sampling and removal using residential screening level of 0.22 ppm
- Site was certified appropriate for residential development in 2014
- CCAEJ wrote letter in 2015 expressing concern about remaining contamination



In 2003, the developer was removing old infrastructure from the site and thought the digester was empty.

In spring 2015, construction was about to begin on the development

Penny Newman and her Center for Community Action and Environmental Justice (CCAIEJ) wrote a letter to DTSC and EPA expressing concern about remaining contamination

Specific concerns:

Insufficient cleanup of PCBs

PCB cleanup level of non-detect or site-wide cap requested

Contaminants other than PCBs

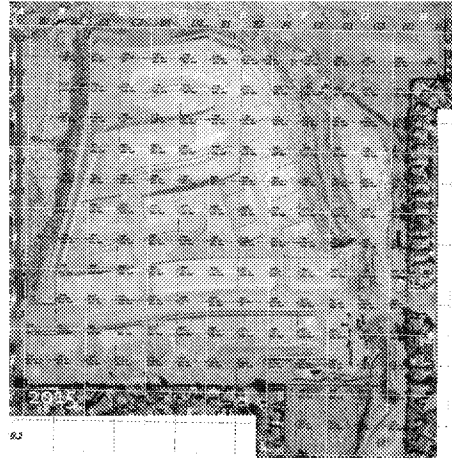
Health of nearby residents, e.g. dust

Contamination of groundwater and river

Military-related contaminants, e.g. explosives

2015 Sampling

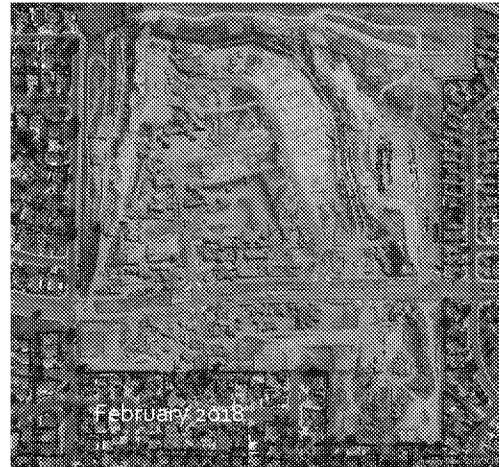
- In response to CCAEJ concerns, DTSC agreed to resample site in 2015
- EPA provided technical assistance
- Developer sampled site with DTSC & EPA splits
- 250-ft grid across site
- Next sampling round: Tightened grid to 125-ft
- Findings: Widespread contamination over 0.22 ppm with some elevated spots



Results of Sept sampling: Several results over 0.22 ppm, up to 18 ppm
Also took congeners
Highest level: 131 ppm

2016-2018 Cleanup

- DTSC required additional cleanup in response to 2015 sampling results
- EPA provided technical assistance and took split samples
- Cleanup goals:
 - 0.23 ppm for soils down to 10 feet below surface
 - 1.0 ppm for soils deeper than 10 feet, and for soil beneath proposed roadways



2016-2018 Cleanup

- To reach cleanup goals: 303,303 tons of soil removed
- Confirmation samples taken following excavation
- Additional confirmation samples taken at proposed housing lots: 6-8 samples per lot
- Application of minimum of 5 feet of certified clean import soil over proposed residential lots, excluding lots that have had soil removed down to granite

